

Title (en)

A CONTINUOUS FLOW SYNTHESIS METHOD FOR THE MANUFACTURE OF ISONIAZID

Title (de)

VERFAHREN DER KONTINUIERLICHEN FLUSSSYNTHESE ZUR HERSTELLUNG VON ISONIAZID

Title (fr)

PROCÉDÉ DE SYNTHÈSE À ÉCOULEMENT CONTINU POUR LA FABRICATION D'ISONIAZIDE

Publication

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Application

EP 20722665 A 20200423

Priority

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- IB 2020053841 W 20200423

Abstract (en)

[origin: WO2021069975A1] A multistep continuous flow synthesis method for the manufacture of isonicotinyl-hydrazide (Isoniazid) comprising reacting 4-cyano pyridine with NaOH at a specified molar ratio and temperature range to produce the intermediate isonicotinamide, which intermediate is reacted with hydrazine hydrate, without isolation thereof, at a specified molar ratio and temperature range to produce isonicotinyl-hydrazide (Isoniazid) in a yield greater than about 90%.

IPC 8 full level

C07D 213/88 (2006.01)

CPC (source: EP GB US)

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